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[A Kermarrec](#)
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#### Dynamic Interest Filtering for Optimal State Update Messaging

DS Zabele, M Dorsch, M Keaton, DR Kennett - The Interservice/Industry Training, Simulation &amp; Education ..., 2001 - NTSA

 ... Initial attempts at implementing **publish/subscribe** mechanisms involved the use ... we try to scale the **system** to support ... of decisions implementation **log2(N) + 1** ...

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#### Reliable probabilistic communication in large-scale information dissemination systems - all 4 versions »

AM Kermarrec, L Massoulie, A Ganesh - Microsoft Research Cambridge, Tech. Rep, 2000 - research.microsoft.com

 ... of messages. Many dissemination **systems** such as **publish-subscribe systems** [4] rely on a distributed set of servers. This service ...

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[Corona: a communication service for scalable, reliable group collaboration systems - all 2 versions »](#)

RW Hall, A Mathur, F Jahanian, A Prakash, C ... - Proceedings of the 1996 ACM conference on Computer supported ..., 1996 - portal.acm.org

... of the other distributors in the **system**; the view ... of the set of local **publish-subscribe** clients; and the ... It obtains from the ViewManager a **list** of destinations ...

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[Efficient atomic broadcast using deterministic merge - all 10 versions »](#)

MK Aguilera, RE Strom - Proceedings of the nineteenth annual ACM symposium on ..., 2000 - portal.acm.org

... However, in many **publish-subscribe systems**, this would not be a good idea. This is because deterministic merge is most **efficient** when each merger frequently ...

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[Design of a general clinical notification system based on the publish-subscribe paradigm - all 3 versions »](#)

A Geissbuhler, J Grande, R Bates, R Miller, W ... - JAMIA-symposium supplement, 1997 - adams.mgh.harvard.edu

... The **publish-subscribe** paradigm offers a powerful mechanism for the implementation of an **efficient**, general clinical notification **system**. ...

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[A framework for scalable dissemination-based systems - all 14 versions »](#)

M Franklin, S Zdonik - Proceedings of the 12th ACM SIGPLAN conference on Object- ..., 1997 - portal.acm.org

... application and achieves the most **efficient** use of ... As men: tioned above, **Publish/subscribe** protocols are one ... In this **system**, a broadcast server is responsible ...

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[PASS-a service for efficient large scale dissemination of timevarying data using CORBA - all 6 versions »](#)

J Zinky, L Bakken, D Krishnaswamy, V Ahamad, MBBN ... - Distributed Computing Systems, 1999. Proceedings. 19th IEEE ..., 1999 - ieeeexplore.ieee.org

... specific pattern and use the **publish-subscribe** communication ... The **PASS system** was

designed to transfer data ... and writers in a more **efficient** way, exploiting ...

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[The architecture of the READY event notification service - all 7 versions »](#)

RE Gruber, B Krishnamurthy, E Panagos - Electronic Commerce and Web-based

Applications/Middleware, ..., 1999 - [ieeexplore.ieee.org](#)  
... can be grouped into a specgroup, enabling **efficient** suspend and ... hierarchy — this simplifies the integration with **publish-subscribe systems**: simple matching ...  
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B Segall, D Arnold, J Boot, M Henderson, T Phelps - Proceedings AUUG2K, Canberra, Australia, June, 2000 - [elvin.dstc.edu.au](#)  
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[Model checking implicit-invocation systems - all 10 versions »](#)  
D Garlan, S Khersonsky - Software Specification and Design, 2000. Tenth International ..., 2000 - [ieeexplore.ieee.org](#)  
... Keywords Implicit invocation, **publish-subscribe**, model checking ... and then used by anyone designing **systems** in the ... generated, they may be less **efficient** than hand ...  
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 ... The **Publish** (), **Subscribe** (), and Unsubscribe () methods of the An\_COMPubSub ... to marshal

 data throughout the integrated **system**. ... API to be more **efficient** as an ...

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J Heidemann, F Silva, C Intanagonwiwat, R Govindan ... - Proceedings of the eighteenth ACM symposium on Operating ..., 2001 - portal.acm.org

 ... The **publish/subscribe**-oriented API we use was de ... used to disseminate information in the distributed **system**. ... directed diffusion is to establish **efficient** n-way ...

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G Glass - CTO ObjectSpace, 1999 - lrr.in.tum.de

 ... oneway future **publish/ subscribe** distributed events ... lookup( "///localhost:8000/VoyagerAdder" ); **System**.out.println ... It uses an **efficient** "delta ping" algorithm ...

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 ... 1.5.5 **Publish-Subscribe** Approach 15 ... 1 Architecture of SAP **Systems** 262 16 ... 269 16.3.2 Member Variables 269 16.3.3 Getting the Bank **List** 270 16.3.4 Creating a New ...

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... is a text-retrieval-like term **list** (in- cluding ... deposited at the alerting service, an **efficient** matching of ... first task of an integrative alerting **system** is to ...

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M Wurz - 2001 - it.kth.se

... usually referred to as the **publish/subscribe** protocol. ... **Efficient** routing based on the content of the ... the Lecando Enterprise Server (monitored **system**), that is ...

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B Plale, P Widener, K Schwan - Parallel and Distributed Processing Symposium., Proceedings ..., 2001 - ieeexplore.ieee.org

... The model provides a **publish- subscribe** semantics that ... object-oriented database management **systems** are built ... uniform view yields more **efficient** query processing ...

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LG Österlund - IEEE Computer Applications in Power, 2000 - library.abb.com

 ... middleware solutions can create more **efficient** solutions. ... Event services supporting the **publish/subscribe** push model. ... them, and get a working **system** that gives ...

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R Baldoni, C Cappiello, C Francalanci, B Pernici, ... - 2001 - dis.uniroma1.it

 ... l Quality Notification Service: **publish/subscribe** engine used as a general ... **User/System**

request {On-line evaluation} ... on line eval(data to evaluate,list of qdims ...

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K Adeni, F Nelbach - Proc. SPIE, 2000 - 211.167.66.243

 ... the opportunities for providing **efficient**, integrated and ... believes the "commandable," "**publish**," "**subscribe**" and "alerts ... of the **system** beyond the ...

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F Mattern - Vontobel TeKnoBase, 2000 - inf.ethz.ch

 ... should be noted that the **publish/subscribe** paradigm is ... several drawbacks with respect

 to **efficiency** and scalability. ... some of these passive **systems**, the antenna ...

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S Fonseca, M Griss, R Letsinger - Second International Workshop in Software Agents and ..., 2001 - hpl.hp.com

 ... in a multi-agent **system** could dictate ... Additionally, a **publish-subscribe** transport such as Java JMS ... Documentation is critical to **efficient** application framework ...

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 ... s Voyager, a flexible and **efficient** java ... can communicate with other CORBA **systems** regardless of ... **Publish/Subscribe** mechanism implemented as Javabeen components ...

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 ... including remote method invocation, **publish-subscribe**, message queuing ... et al., "An

**Efficient Component Model ... in Distributed Interactive Systems** from Lancaster ...

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V Apparao, A Ceylan, P Cotton, D Ezell, IBM ... - W3C Working Draft. Retrieved March, 2001 - wiscorp.com

... of such patterns may include **publish-subscribe** or multicast ... of widely deployed programming languages and object **systems**. ... Ednote: A **list** of commonly used terms ...

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BA Purville - 2001 - scanner-group.mit.edu

... An application is not supposed to process a malformed **XML** file. ... The **publish/subscribe**

mechanism solves the problem of clients constantly polling **systems** for ...

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... the other concerns in collaborative **system** developments ... Based on the **Publish-Subscribe**

design pattern, the ... opportunities for more flexible and **efficient** rendering ...

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... be noted that the **publish/subscribe** paradigm is ... Scalability and **efficient** realization of such infrastructures ... Each middleware **system** presented in the previous ...

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... is a special case of the **publish/subscribe** model. ... the service will be removed from the **system**. ... is not transparent", and that **efficient** distributed computing ...

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... application **system** services, such as legacy **system** services. ... The following list gives an overview of the J2EE ... messaging as well as the **publish-subscribe** model. ...

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... JECho's **efficient** implementation enables it to move ... Since the notion of **publish/subscribe** communications via events ... for access control on **system** resources ...

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... the increase in service matching **efficiency** and stability ... bus" architecture using a **publish/subscribe** mechanism to ... A Type Management **System** for an ODP Trader ...

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... **XML** provides a means to define standard document types that facilitate information exchange between heterogeneous **systems**; the use of **XML** requires agreement ...

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... 4.3 Flexibility and **Efficiency** in the Face ... constraint enforcement, accounting, and **system** management—across ... issues as mobility and **publish/subscribe** paradigms ...



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... interaction models such as remote invocation, **publish/ subscribe**, continuous media ... types (and templates) in the **system**, whereas the ... 3. **EFFICIENT IMPLEMENTATION** ...

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... Event **systems** make **efficient** use of a network. ... The **publish/subscribe** model enables

dynamic ... Jane, a **system** developer, has just returned from va- cation. ...

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